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| Gabotitati | 7101101111111111011110 |           |      | Application Number         | 10/628,955                  |  |  |  |
| INFOF      | RMATION D              | ISCLOS    | SURE | Filing Date                | 2003-07-28                  |  |  |  |
| STAT       | EMENT BY               | APPLIC    | CANT | First Named Inventor       | NANDA; Sanjiv,              |  |  |  |
| // loo os  | , many abanta an n     |           |      | Art Unit                   | 2617                        |  |  |  |
| (Ose as    | many sheets as ne      | ecessary) |      | Examiner Name              | Examiner Name Wayne Huu Cai |  |  |  |
| Sheet      | 1                      | of        | 4    | Attorney Docket No: 030280 |                             |  |  |  |

|                       | U.S. PATENT DOCUMENTS    |   |                             |  |  |  |  |  |
|-----------------------|--------------------------|---|-----------------------------|--|--|--|--|--|
|                       | Cite<br>No. <sup>1</sup> | Document Number                         | Deale line aline            |  | Pages, Columns,  |  |  |  |
| Examiner<br>Initials* |                          | Number-Kind Code <sup>2(if</sup> known) | Publication Date MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Lines, Where<br>Relevant Passages<br>or Relevant Figures<br>Appear |  |  |  |
|                       | 001                      | US2149518                               | 03-07-1939                  | FRANK SR THOMAS                                    |  |  |  |  |
|                       | 002                      | US4768023                               | 08-30-1988                  | XIE; Alex J.                                       |  |  |  |  |
|                       | 003                      | US5280472                               | 01-18-1994                  | GILHOUSEN; Klein S., et al.                        |  |  |  |  |
|                       | 004                      | US5553062                               | 09-03-1996                  | SCHILLING; Donald L., et al.                       |  |  |  |  |
|                       | 005                      | US5732391                               | 03-24-1998                  | FIOCCA; James Leonard                              |  |  |  |  |
|                       | 006                      | US5864760                               | 01-26-1999                  | GILHOUSEN; Klein S., et al.                        |  |  |  |  |
|                       | 007                      | US5875214                               | 02-23-1999                  | URBANIAK; Oliver, et al.                           |  |  |  |  |
|                       | 800                      | US6442130                               | 08-27-2002                  | JONES; Iv Vincent K., et al.                       |  |  |  |  |
|                       | 009                      | US6512925                               | 01-28-2003                  | CHEN; Tao, et al.                                  |  |  |  |  |
|                       | 010                      | US6775544                               | 08-10-2004                  | FICARRA; Louis J.                                  |  |  |  |  |
|                       | 011                      | US7126930                               | 10-24-2006                  | PANKAJ; Rajesh, et al.                             |  |  |  |  |
|                       | 012                      | US7299402                               | 11-20-2007                  | SOONG; Anthony C. K., et al.                       |  |  |  |  |
|                       | 013                      | US20030028251                           | 02-06-2003                  | MATHEWS; Hallett H.                                |  |  |  |  |

|                       | FOREIGN PATENT DOCUMENTS |   |                                   |  |  |     |  |
|-----------------------|--------------------------|---|-----------------------------------|--|--|-----|--|
| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Foreign Patent<br>Document<br>Country Code <sup>3-</sup><br>Number <sup>4-</sup> Kind Code <sup>5</sup> (if<br>known) | Publication<br>Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns,<br>Lines, Where<br>Relevant<br>Passages or<br>Relevant Figures<br>Appear | T 6 |  |
|                       | 014                      | EP1104127   | 05-30-2001                        | MATSUSHITA ELECTRIC IND CO LTD [JP]                |  |     |  |

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|  |                   |          |      | Application Number          | 10/628,955     |  |  |  |
| INFOF                                  | MATION D          | ISCLOS   | SURE | Filing Date                 | 2003-07-28     |  |  |  |
| STATE                                  | MENT BY APPLICANT |          | CANT | First Named Inventor        | NANDA; Sanjiv, |  |  |  |
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|                       |                          | F   | OREIGN PATENT [                   | OCUMENTS   |  |          |
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| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Foreign Patent<br>Document<br>Country Code <sup>3-</sup><br>Number <sup>4-</sup> Kind Code <sup>5</sup> (if<br>known) | Publication<br>Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns,<br>Lines, Where<br>Relevant<br>Passages or<br>Relevant Figures<br>Appear | <b>T</b> |
|                       | 015                      | JP 2003018117   | 01-17-2003                        | NIPPON TELEGRAPH & TELEPHONE CORP.                 | •  | ×        |
|                       | 016                      | JP11196043  | 07-21-1999                        | SONY CORP.   |  | ×        |
|                       | 017                      | JP2000349740  | 12-15-2000                        | MATSUSHITA ELECTRIC IND CO LTD.                    |  |          |
|                       | 018                      | JP2003032218A   | 01-31-2003                        | MATSUSHITA ELECTRIC IND CO LTD.                    |  | ⊠        |
|                       | 019                      | JP2004214746 <b>A</b>   | 07-29-2004                        | JAPAN TELECOM CO<br>LTD.                           |  |          |
|                       | 020                      | JP2005505168  | 02-17-2005                        | QUALCOMM INC [US]                                  |  |          |
|                       | 021                      | KR100214293   | 05-19-1999                        | SAMSUNG<br>ELECTRONICS CO., LTD.                   |  | ×        |
|                       | 022                      | KR100406531   | 11-22-2003                        | KOREA ELECTRONICS & TELECOMMUNICATIONS INSTITUTE.  |  | ⊠        |
|                       | 023                      | KR20020089164   | 11-29-2002                        | LUCENT TECHNOLOGIES INC.                           |  | ×        |
|                       | 024                      | RU2149518   | 05-20-2000                        | ERICSSON, INC.                                     |  | ×        |

|                       | NON PATENT LITERATURE DOCUMENTS |   |  |  |  |  |  |  |
|-----------------------|---------------------------------|---|--|--|--|--|--|--|
| Examiner<br>Initials* | Cite<br>No.                     | of the Item (book magazine journal serial symposium catalog etc.) date nage(s) volume.  |  |  |  |  |  |  |
|                       | 025                             | Taiwanese Search report -093103844 - TIPO - 2010-10-21 (030240).  |  |  |  |  |  |  |
|                       | 026                             | 3GPP2 C.S0024, Version 2.0: "cdma2000 High Rate Packet Data Air Interface Specification," pgs. 1-441 (2000-10-27).  |  |  |  |  |  |  |
|                       | 027                             | ETSI TS 125.211 v3.5.0 (2000-12);Universal Mobile Telecommunications Systems (UMTS); Physical channels and mapping of transport channels onto physical channels |  |  |  |  |  |  |

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| ///        |                   |           |      | Art Unit                    | 2617           |  |
| (Use as    | many sheets as ne | ecessary) |      | Examiner Name Wayne Huu Cai |                |  |
| Sheet      | 3                 | of        | 4    | Attorney Docket No: 0302    | 280            |  |

|                       | NON PATENT LITERATURE DOCUMENTS |   |  |  |  |  |  |  |
|-----------------------|---------------------------------|---|--|--|--|--|--|--|
| Examiner<br>Initials* | Cite<br>No.                     | I of the item (book madazine jojirna) serial symposijim catalog etc.) date nage(s) volij  |  |  |  |  |  |  |
|                       |                                 | (FDD),"3GPP TS 25.211 version 3.5.0 Release 1999).  |  |  |  |  |  |  |
|                       | 028                             | European Search Report - EP10172964 ,Search Authority -Berlin Patent Office, 09-28-2010 (030223).   |  |  |  |  |  |  |
|                       | 029                             | SKLAR, "DIGITAL COMMUNICATIONS, FUNDAMENTALS AND APPLICATIONS", 4 pages, 2001. Prentice-Hall PTR. Upper Saddle River. New Jersey. USA.  |  |  |  |  |  |  |
|                       | 030                             | Teruya FUJII et al., Best Effort Cell Structure Using Sub- Carrier Select MC-CDMA Method, Electronic Information Communication Technology Research Report, November 15, 2002, Vol. 102, No. 465, page 65 to 72, RCS2002-203 (English Abstract). |  |  |  |  |  |  |
|                       | 031                             | TIA/EIA-IS-2000 Release C, "Introduction to cdma2000 Standards for Spread Spectrum Systems, Release C" (3GPP2 C.S0001-C, Version 1.0) May 28, 2002.   |  |  |  |  |  |  |

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